



# DIVISION OF FIRE SAFETY

OFFICE OF THE STATE FIRE MARSHAL, STATE FIRE ACADEMY AND THE STATE HAZ-MAT TEAM

## FIRE SAFETY NEWS



# July 2014

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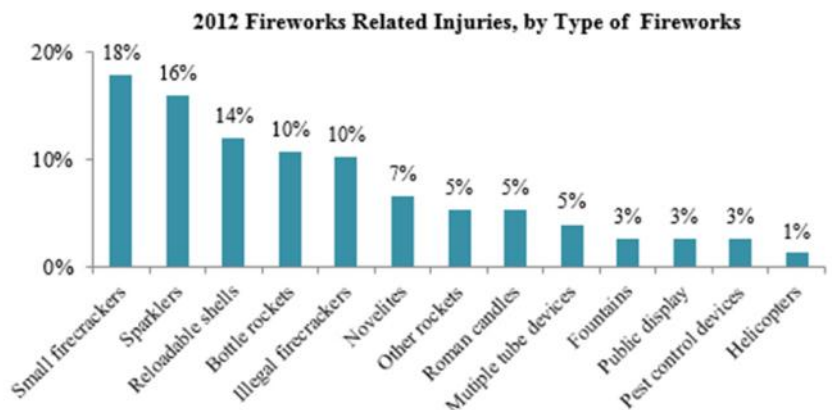
### Message from the Director, Michael Desrochers:

The possession, transportation and use of fireworks such as; toy cannons, toy canes, or toy guns in which explosives are used, balloons that are propelled by explosives, firecrackers, torpedoes, sky rockets, Roman candles, cherry bombs, or other fireworks of like construction are illegal in Vermont unless a permit has been obtained from the local municipality (Fire Chief, Police Chief, Select Board or City Council) depending on the governing body.

**Novelty** items such as; sparklers, snakes, party poppers, glow worms, smoke devices, string poppers, snappers, or drop pops with no more than 0.25 grains of explosive mixture do not require a permit and can be purchased in many stores throughout the State. The use of novelty items by young children should be used only under adult supervision.

Despite the efforts of fire safety officials and the Vermont Fire Service Community to educate Vermonters about the dangers of fireworks, each year young children are injured and first responders are called to duty. All fireworks have some degree of hazard even the novelty items when put in the hands of very young children. We are asking for your help this year to prevent injuries and fires resulting from unsupervised and improper use of novelties and fireworks.

**In 2012, U.S. hospital emergency rooms treated an estimated 8,700 people for fireworks related injuries; 55% of 2012 emergency room fireworks-related injuries were to the extremities and 31% were to the head.**



### BOARD DEADLINE REMINDER

If you have a board agenda item, it needs to be received at the Central Office no later than 2 weeks prior to the board meeting.

(For all boards – Access, Electrical, Elevator & Plumbing)

### Meetings:

**July:**  
Plumbing: 7/8/2014  
Access: 7/28/2014

**August:**  
Electrical: 8/5/2014  
Elevator: 8/12/2014  
Access: 8/25/2014

## Parking and Garaging Vehicles Carrying LP Gas

A fundamental concept of LP Gas safety, expressed in both NFPA 58 and NFPA 54, is to limit the amount of propane inside buildings, either by restricting the size of containers that can be used inside any building, or by restricting the pressure of gas in piping serving buildings. This concept carries over with regard to the parking or servicing of vehicles that carry LP Gas containers.

Cargo tank vehicles may be brought into public parking or service buildings only where all LP Gas is removed from the container, piping, pump, meter, hoses and any other equipment. Vehicles used to carry portable containers must have all containers removed prior to entering any public building.

Buildings owned by or under control of the operator of the vehicles may be used for parking or servicing only where these buildings comply with the requirements of Chapter 10 of NFPA 58. Among the requirements for these buildings are:

- They must be of non-combustible construction not more than 1 story in height,
- Exterior walls and ceilings must be of lightweight construction to provide for explosion venting,
- Natural or mechanical ventilation must be provided within 6 inches of the floor (see Section 10.2.2 for details),
- Building heating must be steam or hot water radiation, with the boiler located outside of the building.

Inspections of bulk LP Gas facilities should include an evaluation of any building providing parking or servicing of cargo tank vehicles, and this should be addressed in the facilities written Operations Plan.



## FIREFIGHTER FATALITIES IN THE UNITED STATES

**Report:** NFPA's "[Firefighter Fatalities in the United States 2013](#)" (PDF, 417 KB)

**Author:** Rita F. Fahy, Paul R. LeBlanc and Joseph L. Molis

**Issued:** June 2014

*Overall statistics on line-of-duty firefighter fatalities in 2013, including non-incident-related deaths. Includes patterns, trends, career vs. volunteer comparisons, and brief narratives on selected incidents.*

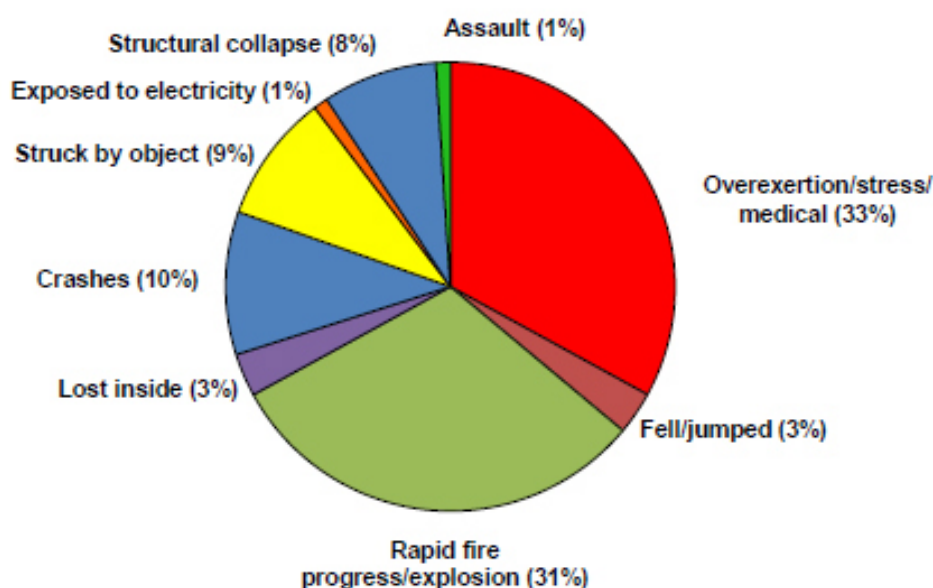
### Tragedy in Arizona

June 30, 2013 marked the deadliest day for firefighters since the 9/11 terrorist attacks, with the death of 19 firefighters near Prescott, AZ. "To the families of these brave individuals in Arizona, their friends, their community and their fellow firefighters across the globe who devote their lives to saving others from fire, we offer our heartfelt condolences and share in their grief," said NFPA President Jim Shannon. [See additional statistics and research, NFPA Journal® articles on wildfire and online information relating to wildfire, safety and preparedness.](#)

### Introduction

In 2013, a total of 97 on-duty firefighter deaths occurred in the U.S. This large increase over the total for the past few years is due almost entirely to two high-fatality incidents – the Yarnell Hill Fire that killed 19 wildland firefighters and the explosion in West TX that killed 9 responding firefighters (as well as an EMT and several local residents). Despite the large number of traumatic and burn injuries that occurred in those incidents, stress and other medical-related issues, which usually result in heart attacks or other sudden cardiac events, continued to account for the largest number of fatalities. One-third of the deaths resulted from overexertion, stress and related medical issues. Of the 32 deaths in this category, 29 were classified as sudden cardiac deaths (usually heart attacks), one due to a cerebral aneurysm, one to a stroke and one was a suicide.

**Firefighter Deaths by Cause of Injury -- 2013**





**FOCUS**  
ON FIRE SAFETY

# Summer Fire Safety

*Follow these simple outdoor tips to help you and those you love stay fire safe this summer season!*



- Attend public fireworks displays and leave the lighting to the professionals.



- Enjoy outdoor celebrations and cookouts but remember to keep a 3-foot "safe zone" around grills and campfires.



- Build campfires at least 15 feet away from tent walls, shrubs or other materials that burn.

For information and resources on this subject, visit:  
[www.usfa.fema.gov/citizens/focus](http://www.usfa.fema.gov/citizens/focus)



**FEMA**



Click Here  
to Add Image

## Administrative Penalties Paid

### ADMINISTRATIVE PENALTY PAYMENTS RECEIVED

FROM June 1, 2014- June 30, 2014

July, 2014

SITE NAME	CITY	PAYMENT AMOUNT	VIOLATOR NAME
OUTBACK OF LUDLOW	LUDLOW	\$100.00	NORTHEAST LIMITED PROPERTIES
48 DOVER ROAD	WILLIAMSVILLE	\$500.00	SUBURBAN PROPANE



UNITED STATES  
CONSUMER PRODUCT SAFETY COMMISSION

## RECALL ON ULTRA SERIES BOILERS

**Recall Date:** June 10th, 2014

**Name of Product:** Weil-McLain Ultra models 80, 105, 155 and 230 MBH Ultra Series Boilers; serial number range between CP 6557046 and CP 6955985.

**Hazard:** A cap on the boiler's manifold can crack and release gas into the home, posing a risk of fire and explosion

**Incidents:** The firm has received 11 reports of manifold caps cracking. No fires or injuries have been reported.

**Consumer Contact:** Weil-McLain toll-free at (888) 770-7139 from 7AM to 6PM CT Monday through Friday or online at [www.weil-mclain.com](http://www.weil-mclain.com) and click on "Product Safety Recalls" for more information.



All information listed retrieved from:

<https://www.cpsc.gov/en/recalls/2014/weil-mclain-recalls-ultra-series-boilers/>





# GRILLING FIRE SAFETY

**KNOWING A FEW FIRE SAFETY GRILLING TIPS WILL HELP EVERYONE HAVE A SAFE SUMMER.**



Only use your grill outside.

Keep it away from siding and deck rails.



Keep a 3-foot safe zone around your grill and campfire.

This will keep kids and pets safe.

Clean your grill after each use. This will remove grease that can start a fire.



Place the coals from your grill in a metal can with a lid once they have cooled.



Open your gas grill before lighting.

Keep an eye on your grill, fire pit or patio torches.



Never leave any of them unattended.

**STAY FIRE-SAFE  
THIS SUMMER!**

For more information and resources, visit  
[www.usfa.fema.gov](http://www.usfa.fema.gov) and [www.nfpa.org](http://www.nfpa.org).



# Vermont Fire Academy

## Firefighter I and II Course Announcements



### APPLICATIONS FOR FIREFIGHTER I AND FIREFIGHTER II COURSES ARE NOW BEING ACCEPTED.

**Interested students are encouraged to submit a General  
Admission Application to reserve their seat**

All applications are due 2 weeks prior to the course orientation date. Course orientation dates will be announced when available. All courses are projected to start in late August or September. Applicants must be at least 18 years old by January 1, 2015.

For updated information, visit our website at [www.vtfireacademy.org](http://www.vtfireacademy.org)

#### **Firefighter I Course Locations:**

Beecher Falls  
Bethel  
Groton  
Middlebury  
Milton  
Pittsford  
Richford  
Springfield  
Waitsfield / Fayston

#### **Firefighter II Course Locations:**

*Prerequisites: Currently certified at Firefighter I and Hazardous Materials  
Operations*

South Hero  
Windham County (location to be determined)  
Windsor

Vermont Fire Academy  
93 Davison Drive  
Pittsford, VT 05673

Phone: 1-800-615-3473 / 802-483-2755  
FAX: 802-483-2464

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**VT HAZMAT TEAM NOTES**

Chris Herrick, Chief

**INSPECTION OF BULK PROPANE TANKS**

As of July of 2011, bulk storage tanks containing Liquified Petroleum Gas (LPG – Propane) needed to be in full compliance with the new requirements of NFPA 58. The new standards were designed to provide a higher level of safety. As HAZMAT Chief, I will be inspecting each bulk tank in the state to insure they are in compliance.

Some of the items that will be reviewed are the location and functionality of emergency shut-off actuators, security at the location and properly installed and up to date fire extinguishers. In addition, inspections will validate that all bulk tanks have the requisite internal valves as required by July 1, 2011.



The requirements regarding the internal valves are found in NFPA 58 Section 6.11.

*6.11.1 The requirements of 6.11.2 through 6.11.5 shall be required for internal valves in liquid service that installed in containers over 4000 gal water capacity*

*6.11.3 Automatic shutdown of internal valves in liquid service shall be provided thermal(fire) actuation. The thermal sensing element shall be within 5 feet of the internal valve.*

*6.11.4 At least on remote shutdown for internal valves in liquid service shall be installed not less than 25 ft or more than 100 ft from the liquid transfer point. This shall be retroactive to all internal valves required by the code.*

This section highlights one of the most significant updates to the code. It is one major area that will be reviewed during a comprehensive inspection. These inspections will also review the process by which the drivers verify odorization, safety during transfer operations and a review of the fire safety analysis and insuring that there are no combustible materials around the tanks.

As always, if you have HAZMAT questions or concerns please call me.

Christopher Herrick, Chief, M.Ed. CFO

[Christopher.Herrick@state.vt.us](mailto:Christopher.Herrick@state.vt.us)

802-839-0660





State of Vermont Dept of Public Safety

# Division of Fire Safety

[www.firesafety.vermont.gov](http://www.firesafety.vermont.gov)

## CALENDAR OF FIRE EVENTS

### July 2014

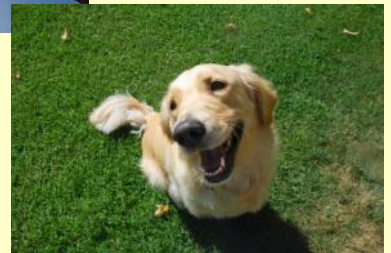
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Date	Event	Location
4	Independence Day	All
15	Pet Fire Safety Day	All
16	VT Hurricane Preparedness Day	All

~ EVENTS ~  
INDEPENDENCE DAY- JULY 4TH, 2014- STATE HOLIDAY

### BOARD MEETING DATES

Plumbing Board Meeting: July 8, 2014, 10AM  
Access Board Meeting: July 28, 2014, 1:30PM



### August 2014

SUN	MO	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24-31	25	26	27	28	29	30

Date	Event	Location
9	Smokey Bear's Birthday- 1944	ALL
15	Bennington Battle Day	ALL

~ EVENTS ~  
BENNINGTON BATTLE DAY- AUGUST 15TH, 2014- STATE HOLIDAY

### BOARD MEETING DATES

Electrical Board Meeting: August 5, 2014, 10AM  
Elevator Board Meeting: August 12, 2014, 9am  
Access Board Meeting: August 25, 2014, 1:30PM





State of Vermont Division of Fire Safety

JULY 2014

1311 US Route 302—Berlin Suite 600

Barre, VT 05641-2351

FIRESAFETY.VERMONT.GOV

*To be added to the monthly newsletter email  
mailing list contact Kelsey at  
Kelsey.Remick@state.vt.us*

**REMEMBER .... Smoke Detectors, Fire Sprinklers and Carbon  
Monoxide Detectors Save Lives**

Vermont Department of Public Safety

## ***Division of Fire Safety***

### **Central Office**

1311 US Route 302— Suite 600  
Barre, VT 05641-2351  
Phone (802) 479-7561 Fax (802) 479-7562  
Toll Free (800) 640-2106

### **HAZMAT Response Team**

Phone (802) 479-7586  
Fax (802) 479-7562  
Toll Free (800) 641-5005

### **Vermont Fire Academy**

93 Davison Drive  
Pittsford, VT 05763  
Phone (802) 483-2755 Fax (802) 483-2464  
Toll Free (800) 615-3473

## **Regional Offices:**

### **Barre**

1311 US Route 302— Suite 500  
Barre, VT 05641-7301  
Phone (802) 479-4434 Fax (802) 479-4446  
Toll Free 1-888-870-7888

### **Springfield**

100 Mineral Street, Suite 307  
Springfield VT 05156-3168  
Phone (802) 885-8883 Fax (802) 885-8885  
Toll Free 1-866-404-8883

### **Rutland**

56 Howe Street, Building A-Suite 200  
Rutland, VT 05701  
Phone (802) 786-5867 Fax (802) 786-5872  
Toll Free (888) 370-4834

### **Williston**

372 Hurricane Lane, Suite 102  
Williston, VT 05495-7151  
Phone (802) 879-2300 Fax (802) 879-2312  
Toll Free (800) 366-8325

## **DIVISION OF STATE POLICE—FIRE INVESTIGATION**

Waterbury—103 South Main Street, Waterbury, VT 05671-2101— (802) 244-8781—Fax (802) 241-5371